MEMO

NEW ENGINE DESIGNATIONS

The N.A.R. and other major model rocketry organizations throughout the world have recently adopted new model rocket engine standards and classifications. Estes Industries is currently engaged in changing its products and literature to match these new international standards. Since it is not possible to change all items at the same time, some items which you will receive may bear engine designations based on the old system while other items will carry the new designations.

In the conversion table below the new engine designations are shown next to the old engine types which they most closely replace. If one engine type is recommended for flying a model, the type shown next to it in the table may also be used in that model.

Old Engine Type	New Engine Type
1/4A.8-0	1/2A6-0
1/4A.8-0S	1/2A6-0S
1/4A.8-2	1/4A3-1
1/4A.8-2S	1/4A3-1S
– – – –	1/4A3-2
– – – –	1/4A3-2S
1/4A.8-4	1/4A3-4
1/4A.8-4S	1/4A3-4S
1/2A.8-0	1/2A6-0
1/2A.8-0S	1/2A6-0S
1/2A.8-2	1/2A6-2
1/2A.8-2S	1/2A6-2S
1/2A.8-4	1/2A6-4
1/2A.8-4S	1/2A6-4S
A.8-0	A8-0
– – – –	A5-2
A.8-3	A8-3
A.8-4	A5-4
– – – –	A8-5
B.8-0(P)	B4-0(P)
B.8-0	B6-0
B.8-2	B4-2
B.8-4	B4-4
B.8-4	B6-4
B.8-6	B4-6
B.8-6	B6-6
C.8-0	C6-0
– – – –	C6-5
– – – –	C6-7
B3-0	B14-0
B3-5	B14-5
B3-6	B14-6
B3-7	B14-7

These new engine classifications are based on the metric system. They show average thrust in newtons and total impulse in newton-seconds. The old designations give average thrust in pounds and total impulse in pound seconds. One newton, the metric measure of thrust, is equal to 0.224 pounds. Thus 4.46 newtons equal one pound.

Prices of old and new engine types are consistent. All "C" engines, for example, continue to be priced at $.45 each and 3 for $.95. IF AN ENGINE OF A TYPE (EITHER OLD OR NEW) THAT IS NOT AVAILABLE IS ORDERED THE CLOSEST AVAILABLE TYPE WILL BE SUBSTITUTED. Please do not order any new type engines before May 4, 1968. It will take several months to complete the changeover.